

SEQUENCE LISTING

<110> Oy Jurilab Ltd

<120> Method for detecting the risk of acute myocardial infarction and coronary heart disease

<130> 40597

<160> 56

<170> PatentIn version 3.1

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Val Ile Leu Ala Val Leu Thr Ser Arg Ser Leu Arg Ala Pro Gln Asn
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Leu Phe Leu Val Ser Leu Ala Ala Asp Ile Leu Val Ala Thr Leu
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Ile Ile Pro Phe Ser Leu Ala Asn Glu Leu Leu Gly Tyr Trp Tyr Phe
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Arg Arg Thr Trp Cys Glu Val Tyr Leu Ala Leu Asp Val Leu Phe Cys
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Trp Trp Arg Arg Ala His Val Thr Arg Glu Lys Arg Phe Thr Phe		
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410

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 Thr Ser Ser Ile Val His Leu Cys Ala Ile Ser Leu Asp Arg Tyr Trp
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tgtttgacct tttaatttt cttttctttt tcctttttt tcttttgctt tgttatatgg	600
tggtttgtat ggttccttt	619

<210> 28	
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ggatgaagca gaatgaagag taggtaaccc tgaggtagag aggtatattg ttggaccagg	60
gagcaggtaa taaatacatc ctggatagac tcacatgggg aaaaaaacta tgatcttgca	120
tgactaacac atagctagta agatttcttg tcacttacga caaagacatg aattttctcc	180
atcctaacat gactgataca gtgtctctta tttagactat ctcagttgt ctggctgtgc	240
ttgtccttt tcccacccctcc ctcgctgtgc ctgaccctct cttctttcca caggttctca	300
ggcaagagcc acctgctatt gccgaaccgg ccgttgtgct acccgtagt ccctctccgg	360
ggtgtgtgaa atcagtggcc gcctctacag actctgctgt cgctgagctt cctagataga	420
aaccaaagca gtgcaagatt cagttcaagg tcctgaaaaa agaaaaacat ttactctgt	480
gtaccttgc tgctttctaaa ttctctctc caaataaag ttcaagcatt aaacttagtg	540
tgtttgacct tttaatttt cttttctttt tcctttttt tcttttgctt tgttatatgg	600
tggtttgtat ggttccttt	619

<210> 29	
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<220>	
<223> PCR primer	
<400> 29	
ggatgaagca gaatgaaga	19

<210> 30	
<211> 19	
<212> DNA	
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<223> PCR primer	
<400> 30	

aaaggaacca tacaaacca	19
<210> 31	
<211> 18	
<212> DNA	
<213> Artificial Sequence	
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<400> 31	
gttagtctgg ctgtgctt	18
<210> 32	
<211> 1052	
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<213> Homo sapiens	
<400> 32	
gggctactga gtttggtgaa aagataagac tcctgaaaat tctattgatt ctctttgaa	60
cttccttctt aaatttagttt tatgatggac ttggctctca ttggtatttc ccaagattat	120
ggagatggga tagtgatgtc tgacaagtac ctaagatgct aagttgaagg tctaaaattc	180
catcctaaaa gcaaataatt actctatcat ctacgtgccccc tttgcttctt aaagttactc	240
aaggaaggca gactaaacag gaaatttact ttggattcaa gaggggcata gagacgctct	300
cagcctgccccc atttgccttc atcaacattc ctaaacactg ggcttaaat gtatgtatgag	360
taaactctct cttagtctat ccatctccca cttagcagttt taacatcatc tctagttatt	420
aaccttggct caatggcttt ctcccttttt tttatacaga atttattggc ttgagacgct	480
gtttaatggg tttggggaga tgcaggatc actgcaatgt ggataaaaaa gagatacaga	540
aatgcaagat gaaaaaatgt tggatggac caaaagtggt taaattgatt aaaaactacc	600
tgcaatatgg aacaccaaattt gtacttaatg aagacgtcca agaaatgcta aaacctgcca	660
agaattcttag tgctgtgata caaagaaaac atatttatc ttttctcccc caaatcaaaa	720
gcactagctt ttttgcata accaacttttgcattcccaaaatgccacc cctatgaact	780
ctgccaccat cagcactatg accccaggac agatcacata cactgctact tctaccaaga	840
gtaacaccaa agaaaggcaga gattctgccca ctgcctcgcc accaccagca ccacccctccac	900
caaacatact gccaacacca tcactggagc tagaggaagc agaagagcag taatgtggat	960
ctttccctta aaactccaag ttccctctta ttttgctat ctataaaaatg acatagaact	1020
gtttccctctg tcattcaggta ttcaataaaac ac	1052
<210> 33	
<211> 1049	
<212> DNA	
<213> Homo sapiens	
<400> 33	

gggctactga gtttggtaaa	aagataagac tcctgaaaat tctattgatt ctctttgaa	60
cttcttcctt aaatttagttt tatgatggac ttggctctca ttggtatttc ccaagattat		120
ggagatggga tagtgatgtc tgacaagtac ctaagatgct aagttgaagg tctaaaattc		180
catcctaaaa gcaaataatt actctatcat ctacgtgccccc tttgcttctt aaagttactc		240
aaggaaggca gactaaacag gaaatttact ttggattcaa gaggggcata gagacgctct		300
cagcctgccc atttgccttc atcaacattc ctaaacactg ggctaaaaat gtatgtatgag		360
taaactctct cttagtcata ccatctccca ctagcagttt taacatcatc tctagttatt		420
aaccttggct caatggcttt ctctttttt atacagaatt tattggcttg agacgctgtt		480
taatgggttt ggggagatgc agggatcaact gcaatgtgga tgaaaaagag atacagaaat		540
gcaagatgaa aaaatgttgt gttggaccaa aagtggtaaa attgattaaa aactacctgc		600
aatatggAAC accaaatgtA cttaatgaag acgtccaAGA aatgctaaaa cctgccaAGA		660
attctagtgc tgtgatacaa agaaaacata ttttatctgt tctccccaa atcaaaagca		720
ctagctttt tgctaataacc aactttgtca tcattccaaa tgccacccct atgaactctg		780
ccaccatcag cactatgacc ccaggacaga tcacatacac tgctacttct accaagagta		840
acaccaaaga aagcagagat tctgccactg cctcgccacc accagcacca cctccaccaa		900
acataactgcc aacaccatca ctggagctag aggaagcaga agagcagtaa tgtggatctt		960
tcccttaaaa ctccaagttc ctctcttattt ttgctatcta taaaatgaca tagaactgtt		1020
tcctctgtca tcagtcattc aataaacac		1049

<210> 34	
<211> 18	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> PCR primer	
<400> 34	
ggctactgag tttggtaaa	18

<210> 35	
<211> 21	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> PCR primer	
<400> 35	
gtgtttattt aatgactgat g	21

<210> 36	
<211> 18	
<212> DNA	
<213> Artificial Sequence	

<220>		
<223> Sequencing primer		
<400> 36		
caaggaaggc agactaaa		18
<210> 37		
<211> 552		
<212> DNA		
<213> Homo sapiens		
<220>		
<221> CDS		
<222> (1)..(552)		
<223> Coding sequence for the variant human DEFB129 gene		
<400> 37		
atg aag ctc ctt ttt cct atc ttt gcc agc ctc atg cta cag tac cag		48
Met Lys Leu Leu Phe Pro Ile Phe Ala Ser Leu Met Leu Gln Tyr Gln		
1 5 10 15		
gtg aac aca gaa ttt att ggc ttg aga cgc tgt tta atg ggt ttg ggg		96
Val Asn Thr Glu Phe Ile Gly Leu Arg Arg Cys Leu Met Gly Leu Gly		
20 25 30		
aga tgc agg gat cac tgc aat gtg gat gaa aaa gag ata cag aaa tgc		144
Arg Cys Arg Asp His Cys Asn Val Asp Glu Lys Glu Ile Gln Lys Cys		
35 40 45		
aag atg aaa aaa tgt tgt gtt gga cca aaa gtg gtt aaa ttg att aaa		192
Lys Met Lys Lys Cys Cys Val Gly Pro Lys Val Val Lys Leu Ile Lys		
50 55 60		
aac tac ctg caa tat gga aca cca aat gta ctt aat gaa gac gtc caa		240
Asn Tyr Leu Gln Tyr Gly Thr Pro Asn Val Leu Asn Glu Asp Val Gln		
65 70 75 80		
gaa atg cta aaa cct gcc aag aat tct agt gct gtg ata caa aga aaa		288
Glu Met Leu Lys Pro Ala Lys Asn Ser Ser Ala Val Ile Gln Arg Lys		
85 90 95		
cat att tta tct gtt ctc ccc caa atc aaa agc act agc ttt ttt gct		336
His Ile Leu Ser Val Leu Pro Gln Ile Lys Ser Thr Ser Phe Phe Ala		
100 105 110		
aat acc aac ttt gtc atc att cca aat gcc acc cct atg aac tct gcc		384
Asn Thr Asn Phe Val Ile Ile Pro Asn Ala Thr Pro Met Asn Ser Ala		
115 120 125		
acc atc agc act atg acc cca gga cag atc aca tac act gct act tct		432
Thr Ile Ser Thr Met Thr Pro Gly Gln Ile Thr Tyr Thr Ala Thr Ser		
130 135 140		
acc aag agt aac acc aaa gaa agc aga gat tct gcc act gcc tcg cca		480
Thr Lys Ser Asn Thr Lys Glu Ser Arg Asp Ser Ala Thr Ala Ser Pro		
145 150 155 160		
cca cca gca cca cct cca cca aac ata ctg cca aca cca tca ctg gag		528
Pro Pro Ala Pro Pro Pro Asn Ile Leu Pro Thr Pro Ser Leu Glu		
165 170 175		
cta gag gaa gca gaa gag cag taa		552
Leu Glu Glu Ala Glu Glu Gln		

180

<210> 38
<211> 183
<212> PRT
<213> Homo sapiens
<400> 38

Met Lys Leu Leu Phe Pro Ile Phe Ala Ser Leu Met Leu Gln Tyr Gln
1 5 10 15

Val Asn Thr Glu Phe Ile Gly Leu Arg Arg Cys Leu Met Gly Leu Gly
20 25 30

Arg Cys Arg Asp His Cys Asn Val Asp Glu Lys Glu Ile Gln Lys Cys
35 40 45

Lys Met Lys Cys Cys Val Gly Pro Lys Val Val Lys Leu Ile Lys
50 55 60

Asn Tyr Leu Gln Tyr Gly Thr Pro Asn Val Leu Asn Glu Asp Val Gln
65 70 75 80

Glu Met Leu Lys Pro Ala Lys Asn Ser Ser Ala Val Ile Gln Arg Lys
85 90 95

His Ile Leu Ser Val Leu Pro Gln Ile Lys Ser Thr Ser Phe Phe Ala
100 105 110

Asn Thr Asn Phe Val Ile Ile Pro Asn Ala Thr Pro Met Asn Ser Ala
115 120 125

Thr Ile Ser Thr Met Thr Pro Gly Gln Ile Thr Tyr Thr Ala Thr Ser
130 135 140

Thr Lys Ser Asn Thr Lys Glu Ser Arg Asp Ser Ala Thr Ala Ser Pro
145 150 155 160

Pro Pro Ala Pro Pro Pro Asn Ile Leu Pro Thr Pro Ser Leu Glu
165 170 175

Leu Glu Glu Ala Glu Glu Gln
180

<210> 39
<211> 552
<212> DNA
<213> Homo sapiens

<220>
 <221> CDS
 <222> (1)..(552)
 <223> Coding sequence for the human DEFB129 gene
 <400> 39

atg aag ctc ctt ttt cct atc ttt gcc agc ctc atg cta cag tac cag	48
Met Lys Leu Leu Phe Pro Ile Phe Ala Ser Leu Met Leu Gln Tyr Gln	
1 5 10 15	
gtg aac aca gaa ttt att ggc ttg aga cgc tgt tta atg ggt ttg ggg	96
Val Asn Thr Glu Phe Ile Gly Leu Arg Arg Cys Leu Met Gly Leu Gly	
20 25 30	
aga tgc agg gat cac tgc aat gtg gat gaa aaa gag ata cag aaa tgc	144
Arg Cys Arg Asp His Cys Asn Val Asp Glu Lys Glu Ile Gln Lys Cys	
35 40 45	
aag atg aaa aaa tgt tgt gtt gga cca aaa gtg gtt aaa ttg att aaa	192
Lys Met Lys Lys Cys Cys Val Gly Pro Lys Val Val Lys Leu Ile Lys	
50 55 60	
aac tac cta caa tat gga aca cca aat gta ctt aat gaa gac gtc caa	240
Asn Tyr Leu Gln Tyr Gly Thr Pro Asn Val Leu Asn Glu Asp Val Gln	
65 70 75 80	
gaa atg cta aaa cct gcc aag aat tct agt gct gtg ata caa aga aaa	288
Glu Met Leu Lys Pro Ala Lys Asn Ser Ser Ala Val Ile Gln Arg Lys	
85 90 95	
cat att tta tct gtt ctc ccc caa atc aaa agc act agc ttt ttt gct	336
His Ile Leu Ser Val Leu Pro Gln Ile Lys Ser Thr Ser Phe Phe Ala	
100 105 110	
aat acc aac ttt gtc atc att cca aat gcc acc cct atg aac tct gcc	384
Asn Thr Asn Phe Val Ile Ile Pro Asn Ala Thr Pro Met Asn Ser Ala	
115 120 125	
acc atc agc act atg acc cca gga cag atc aca tac act gct act tct	432
Thr Ile Ser Thr Met Thr Pro Gly Gln Ile Thr Tyr Thr Ala Thr Ser	
130 135 140	
acc aag agt aac acc aaa gaa agc aga gat tct gcc act gcc tcg cca	480
Thr Lys Ser Asn Thr Lys Glu Ser Arg Asp Ser Ala Thr Ala Ser Pro	
145 150 155 160	
cca cca gca cca cct cca cca aac ata ctg cca aca cca tca ctg gag	528
Pro Pro Ala Pro Pro Pro Asn Ile Leu Pro Thr Pro Ser Leu Glu	
165 170 175	
cta gag gaa gca gaa gag cag taa	552
Leu Glu Glu Ala Glu Glu Gln	
180	

<210> 40
 <211> 183
 <212> PRT
 <213> Homo sapiens
 <400> 40

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10

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Val Asn Thr Glu Phe Ile Gly Leu Arg Arg Cys Leu Met Gly Leu Gly
 20 25 30

Arg Cys Arg Asp His Cys Asn Val Asp Glu Lys Glu Ile Gln Lys Cys
 35 40 45

Lys Met Lys Lys Cys Cys Val Gly Pro Lys Val Val Lys Leu Ile Lys
 50 55 60

Asn Tyr Leu Gln Tyr Gly Thr Pro Asn Val Leu Asn Glu Asp Val Gln
 65 70 75 80

Glu Met Leu Lys Pro Ala Lys Asn Ser Ser Ala Val Ile Gln Arg Lys
 85 90 95

His Ile Leu Ser Val Leu Pro Gln Ile Lys Ser Thr Ser Phe Phe Ala
 100 105 110

Asn Thr Asn Phe Val Ile Ile Pro Asn Ala Thr Pro Met Asn Ser Ala
 115 120 125

Thr Ile Ser Thr Met Thr Pro Gly Gln Ile Thr Tyr Thr Ala Thr Ser
 130 135 140

Thr Lys Ser Asn Thr Lys Glu Ser Arg Asp Ser Ala Thr Ala Ser Pro
 145 150 155 160

Pro Pro Ala Pro Pro Pro Asn Ile Leu Pro Thr Pro Ser Leu Glu
 165 170 175

Leu Glu Glu Ala Glu Glu Gln
 180

<210> 41
 <211> 372
 <212> DNA
 <213> Homo sapiens

<220>
 <221> CDS
 <222> (1)..(372)
 <223> Coding sequence for the variant human DEFB118 gene

<400> 41
 atg aaa ctc ctg ctg gct ctt cct atg ctt gtg ctc cta ccc caa
 Met Lys Leu Leu Leu Ala Leu Pro Met Leu Val Leu Pro Gln
 1 5 10 15

gtg atc cca gcc tat agt ggt gaa aaa aaa tgc tgg aac aac tca ggg
 96

Val Ile Pro Ala Tyr Ser Gly Glu Lys Lys Cys Trp Asn Arg Ser Gly			
20	25	30	
cac cgc agg aaa caa tgc aaa gat gga gaa gca gtg aaa gat aca tgc			144
His Arg Arg Lys Gln Cys Lys Asp Gly Glu Ala Val Lys Asp Thr Cys			
35	40	45	
aaa aat ctt cga gct tgc tgc att cca tcc aat gaa gac cac agg cga			192
Lys Asn Leu Arg Ala Cys Cys Ile Pro Ser Asn Glu Asp His Arg Arg			
50	55	60	
gtt cct gcg aca tct ccc aca ccc ttg agt gac tca aca cca gga att			240
Val Pro Ala Thr Ser Pro Thr Pro Leu Ser Asp Ser Thr Pro Gly Ile			
65	70	75	80
att gat gat att tta aca gta agg ttc acg aca gac tac ttt gaa gta			288
Ile Asp Asp Ile Leu Thr Val Arg Phe Thr Thr Asp Tyr Phe Glu Val			
85	90	95	
agc agc aag aaa gat atg gtt gaa gag tct gag gcg gga agg gga act			336
Ser Ser Lys Lys Asp Met Val Glu Ser Glu Ala Gly Arg Gly Thr			
100	105	110	
gag acc tct ctt cca aat gtt cac cat agc tca tga			372
Glu Thr Ser Leu Pro Asn Val His His Ser Ser			
115	120		

<210> 42
<211> 123
<212> PRT
<213> Homo sapiens
<400> 42

Met Lys Leu Leu Leu Leu Ala Leu Pro Met Leu Val Leu Leu Pro Gln			
1	5	10	15

Val Ile Pro Ala Tyr Ser Gly Glu Lys Lys Cys Trp Asn Arg Ser Gly			
20	25	30	

His Arg Arg Lys Gln Cys Lys Asp Gly Glu Ala Val Lys Asp Thr Cys			
35	40	45	

Lys Asn Leu Arg Ala Cys Cys Ile Pro Ser Asn Glu Asp His Arg Arg			
50	55	60	

Val Pro Ala Thr Ser Pro Thr Pro Leu Ser Asp Ser Thr Pro Gly Ile			
65	70	75	80

Ile Asp Asp Ile Leu Thr Val Arg Phe Thr Thr Asp Tyr Phe Glu Val			
85	90	95	

Ser Ser Lys Lys Asp Met Val Glu Glu Ser Glu Ala Gly Arg Gly Thr			
100	105	110	

Glu Thr Ser Leu Pro Asn Val His His Ser Ser
 115 120

<210> 43
<211> 372
<212> DNA
<213> Homo sapiens
<220>
<221> CDS
<222> (1)..(372)
<223> Coding sequence of the human DEFB118 gene
<400> 43

atg aaa ctc ctg ctg gct ctt cct atg ctt gtg ctc cta ccc caa	48
Met Lys Leu Leu Leu Ala Leu Pro Met Leu Val Leu Leu Pro Gln	
1 5 10 15	
gtg atc cca gcc tat agt ggt gaa aaa aaa tgc tgg aac aac aga tca ggg	96
Val Ile Pro Ala Tyr Ser Gly Glu Lys Lys Cys Trp Asn Arg Ser Gly	
20 25 30	
cac tgc agg aaa caa tgc aaa gat gga gaa gca gtg aaa gat aca tgc	144
His Cys Arg Lys Gln Cys Lys Asp Gly Glu Ala Val Lys Asp Thr Cys	
35 40 45	
aaa aat ctt cga gct tgc tgc att cca tcc aat gaa gac cac agg cga	192
Lys Asn Leu Arg Ala Cys Cys Ile Pro Ser Asn Glu Asp His Arg Arg	
50 55 60	
gtt cct gcg aca tct ccc aca ccc ttg agt gac tca aca cca gga att	240
Val Pro Ala Thr Ser Pro Thr Pro Leu Ser Asp Ser Thr Pro Gly Ile	
65 70 75 80	
att gat gat att tta aca gta agg ttc acg aca gac tac ttt gaa gta	288
Ile Asp Asp Ile Leu Thr Val Arg Phe Thr Thr Asp Tyr Phe Glu Val	
85 90 95	
agc agc aag aaa gat atg gtt gaa gag tct gag gcg gga agg gga act	336
Ser Ser Lys Lys Asp Met Val Glu Ser Glu Ala Gly Arg Gly Thr	
100 105 110	
gag acc tct ctt cca aat gtt cac cat agc tca tga	372
Glu Thr Ser Leu Pro Asn Val His His Ser Ser	
115 120	

<210> 44
<211> 123
<212> PRT
<213> Homo sapiens
<400> 44

Met Lys Leu Leu Leu Leu Ala Leu Pro Met Leu Val Leu Leu Pro Gln
 1 5 10 15

Val Ile Pro Ala Tyr Ser Gly Glu Lys Lys Cys Trp Asn Arg Ser Gly
 20 25 30

His Cys Arg Lys Gln Cys Lys Asp Gly Glu Ala Val Lys Asp Thr Cys
 35 40 45

Lys Asn Leu Arg Ala Cys Cys Ile Pro Ser Asn Glu Asp His Arg Arg
 50 55 60

Val Pro Ala Thr Ser Pro Thr Pro Leu Ser Asp Ser Thr Pro Gly Ile
 65 70 75 80

Ile Asp Asp Ile Leu Thr Val Arg Phe Thr Thr Asp Tyr Phe Glu Val
 85 90 95

Ser Ser Lys Lys Asp Met Val Glu Glu Ser Glu Ala Gly Arg Gly Thr
 100 105 110

Glu Thr Ser Leu Pro Asn Val His His Ser Ser
 115 120

<210> 45
<211> 20
<212> DNA
<213> Artificial Sequence
<220>
<223> PCR primer
<400> 45
agttttagta tttgccagac 20

<210> 46
<211> 19
<212> DNA
<213> Artificial Sequence
<220>
<223> PCR primer
<400> 46
aggacagggg tgagtgata 19

<210> 47
<211> 246
<212> DNA
<213> Homo sapiens
<220>
<221> CDS
<222> (1)...(246)
<223> Coding sequence for the variant human DEFB126 gene
<400> 47
atg aag tcc cta ctg ttc acc ctt gca gtt ttt atg ctc ctg gcc caa 48
Met Lys Ser Leu Leu Phe Thr Leu Ala Val Phe Met Leu Leu Ala Gln
1 5 10 15

ttg gtc tca ggt aat tgg tat gtg aaa aag tgt cta aac gac gtt gga
Leu Val Ser Gly Asn Trp Tyr Val Lys Lys Cys Leu Asn Asp Val Gly
20 25 30 96

att tgc aag aag aag tgc aaa cct gaa gag atg cat gta aag aat ggt	144
Ile Cys Lys Lys Cys Lys Pro Glu Glu Met His Val Lys Asn Gly	
35 40 45	
tgg gca atg tgc ggc aaa ggg act gct gtg ttc cag ctg aca gac gtg	192
Trp Ala Met Cys Gly Lys Gly Thr Ala Val Phe Gln Leu Thr Asp Val	
50 55 60	
cta att atc ctg ttt tct gtg tcc aga caa aga cta caa gaa ttt caa	240
Leu Ile Ile Leu Phe Ser Val Ser Arg Gln Arg Leu Gln Glu Phe Gln	
65 70 75 80	
cag taa	246
Gln	

<210> 48
 <211> 81
 <212> PRT
 <213> Homo sapiens
 <400> 48

Met Lys Ser Leu Leu Phe Thr Leu Ala Val Phe Met Leu Leu Ala Gln	
1 5 10 15	

Leu Val Ser Gly Asn Trp Tyr Val Lys Lys Cys Leu Asn Asp Val Gly	
20 25 30	

Ile Cys Lys Lys Cys Lys Pro Glu Glu Met His Val Lys Asn Gly	
35 40 45	

Trp Ala Met Cys Gly Lys Gly Thr Ala Val Phe Gln Leu Thr Asp Val	
50 55 60	

Leu Ile Ile Leu Phe Ser Val Ser Arg Gln Arg Leu Gln Glu Phe Gln	
65 70 75 80	

Gln

<210> 49
 <211> 336
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> CDS
 <222> (1)..(336)
 <223> Coding sequence of the human DEFB126 gene
 <400> 49

atg aag tcc cta ctg ttc acc ctt gca gtt ttt atg ctc ctg gcc caa	48
Met Lys Ser Leu Leu Phe Thr Leu Ala Val Phe Met Leu Leu Ala Gln	
1 5 10 15	
ttg gtc tca ggt aat tgg tat gtg aaa aag tgt cta aac gac gtt gga	96

Leu Val Ser Gly Asn Trp Tyr Val Lys Lys Cys Leu Asn Asp Val Gly			
20	25	30	
att tgc aag aag aag tgc aaa cct gaa gag atg cat gta aag aat ggt			144
Ile Cys Lys Lys Lys Cys Lys Pro Glu Glu Met His Val Lys Asn Gly			
35	40	45	
tgg gca atg tgc ggc aaa caa agg gac tgc tgt gtt cca gct gac aga			192
Trp Ala Met Cys Gly Lys Gln Arg Asp Cys Cys Val Pro Ala Asp Arg			
50	55	60	
cgt gct aat tat cct gtt ttc tgt gtc cag aca aag act aca aga att			240
Arg Ala Asn Tyr Pro Val Phe Cys Val Gln Thr Lys Thr Thr Arg Ile			
65	70	75	80
tca aca gta aca gca aca aca gca aca aca act ttg atg atg act act			288
Ser Thr Val Thr Ala Thr Thr Ala Thr Thr Thr Leu Met Met Thr Thr			
85	90	95	
gct tcg atg tct tcg atg gct cct acc ccc gtt tct ccc act ggt tga			336
Ala Ser Met Ser Ser Met Ala Pro Thr Pro Val Ser Pro Thr Gly			
100	105	110	

<210> 50
<211> 111
<212> PRT
<213> Homo sapiens
<400> 50

Met Lys Ser Leu Leu Phe Thr Leu Ala Val Phe Met Leu Leu Ala Gln
1 5 10 15

Leu Val Ser Gly Asn Trp Tyr Val Lys Lys Cys Leu Asn Asp Val Gly
20 25 30

Ile Cys Lys Lys Lys Cys Lys Pro Glu Glu Met His Val Lys Asn Gly
35 40 45

Trp Ala Met Cys Gly Lys Gln Arg Asp Cys Cys Val Pro Ala Asp Arg
50 55 60

Arg Ala Asn Tyr Pro Val Phe Cys Val Gln Thr Lys Thr Thr Arg Ile
65 70 75 80

Ser Thr Val Thr Ala Thr Thr Ala Thr Thr Thr Leu Met Met Thr Thr
85 90 95

Ala Ser Met Ser Ser Met Ala Pro Thr Pro Val Ser Pro Thr Gly
100 105 110

<210> 51
<211> 20
<212> DNA

<213> Artificial Sequence		
<220>		
<223> PCR primer		
<400> 51		
aatggtgaga aagatgacag		20
<210> 52		
<211> 18		
<212> DNA		
<213> Artificial Sequence		
<220>		
<223> PCR primer		
<400> 52		
gttgaatgga gggaaagt		18
<210> 53		
<211> 18		
<212> DNA		
<213> Artificial Sequence		
<220>		
<223> Sequencing primer		
<400> 53		
gttagtattt atgatttag		18
<210> 54		
<211> 334		
<212> DNA		
<213> Homo sapiens		
<220>		
<221> CDS		
<222> (1)..(333)		
<223> Coding sequence for the variant human DEFB126 gene		
<400> 54		
atg aag tcc cta ctg ttc acc ctt gca gtt ttt atg ctc ctg gcc caa		48
Met Lys Ser Leu Leu Phe Thr Leu Ala Val Phe Met Leu Leu Ala Gln		
1 5 10 15		
ttg gtc tca ggt aat tgg tat gtg aaa aag tgt cta aac gac gtt gga		96
Leu Val Ser Gly Asn Trp Tyr Val Lys Lys Cys Leu Asn Asp Val Gly		
20 25 30		
att tgc aag aag aag tgc aaa cct gaa gag atg cat gta aag aat ggt		144
Ile Cys Lys Lys Cys Lys Pro Glu Glu Met His Val Lys Asn Gly		
35 40 45		
tgg gca atg tgc ggc aaa caa agg gac tgc tgt gtt cca gct gac aga		192
Trp Ala Met Cys Gly Lys Gln Arg Asp Cys Cys Val Pro Ala Asp Arg		
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Arg Ala Asn Tyr Pro Val Phe Cys Val Gln Thr Lys Thr Thr Arg Ile		
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Ser Thr Val Thr Ala Thr Ala Thr Thr Thr Leu Met Met Thr Thr		
85 90 95		
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Trp Ala Met Cys Gly Lys Gln Arg Asp Cys Cys Val Pro Ala Asp Arg
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Arg Ala Asn Tyr Pro Val Phe Cys Val Gln Thr Lys Thr Thr Arg Ile
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